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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/808,194	03/24/2004	Kumar H. Chellapilla	M61.12-0616	4563
27366 7590 09/19/2007 WESTMAN CHAMPLIN (MICROSOFT CORPORATION) SUITE 1400 900 SECOND AVENUE SOUTH MINNEAPOLIS, MN 55402-3319			EXAMINER RASHID, DAVID	
			ART UNIT 2624	PAPER NUMBER
			MAIL DATE 09/19/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary

Application No.

10/808,194

Applicant(s)

CHELLAPILLA ET AL.

Examiner

David P. Rashid

Art Unit

2624

All participants (applicant, applicant's representative, PTO personnel):

(1) David P. Rashid (examiner).(3) David Brush (Reg. No. 34,557).(2) Brian Werner (SPE).

(4) _____.

Date of Interview: 05 November 2007.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
If Yes, brief description: _____.

Claim(s) discussed: 1 and 41.

Identification of prior art discussed: BizCard.

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's representative raised two points outlined in Attachment A. Regarding point 1, the examiner agreed that the limitation "in the form data area" may overcome the prior art as presently applied to the claims, but would (if formally added by amendment) be rejected based on reference "AO" cited by applicant in the IDS received on February 6, 2007. If presented in an after final amendment, this limitation would require further consideration and thus not be entered. Regarding point 2, the examiner agreed that if applicant were to exactly combine claims 41 and 42 with no changes to scope, the amendment would be entered upon appeal. The examiner also faxed to applicant's representative suggestions for allowance (Attachment B). Applicant required further consideration of the suggestion, and no agreement was reached.

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the right.

Brian P. Werner
Supervisory Patent Examiner
Art Unit 2624

RESPONSE UNDER 37 C.F.R. § 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Kumar H. Chellapilla et al.

Appln. No.: 10/808,194

Filed : March 24, 2004

For : METHOD AND APPARATUS FOR
POPULATING ELECTRONIC FORMS
FROM SCANNED DOCUMENTS

Docket No.: M61.12-0616

Group Art Unit: 2609

Examiner: David Rashid

CERTIFICATION OF TELEFACSIMILE TRANSMISSION
&
TELEPHONE INTERVIEW AGENDA

Fax: (571) 270-2578

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is to confirm a telephone interview scheduled for Wednesday, September 5, 2007 at 1:00 PM, Eastern Time between Applicants' Attorney, Examiner David Rashid and Supervisory Examiner Brian Werner.

Applicants' Attorney would like to discuss the following issues:

1. Consideration of the electronic form being "in the form data area" (to help Applicant determine whether to file an RCE making this limitation more explicit or whether to file an Appeal relying on the existing language);
2. Whether the amendment to claim 41 (i.e., claim 42 re-written in independent form) raises new issues.

WESTMAN, CHAMPLIN & KELLY, P.A.

Date: 9/4/07

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DDB/tkj
1 PAGES - INCLUDING COVER PAGE

Attachment. A

Suggestion for Allowance After Final
10/808,194

The examiner proposes the following language (or equivalent) in order to expedite prosecution after final. Claim 1 is used to exemplify the suggestion, and any effect on dependent claims would need to be addressed.

The proposed limitations are derived from specification page 47, and are directed to the beneficial features of applicant's status indicators. Specifically, applicant's automatic and manual population of form data areas coupled with the status indicators recited in the claims below facilitates an unambiguous determination of which fields require user attention, thus ensuring the completeness and accuracy of data entry.

1. A computer-implemented method for populating an electronic form from an electronic image, the method comprising:
 - (a) identifying a size, orientation and position of a first object having any arbitrary orientation within the electronic image;
 - (b) identifying information elements from pixels within the electronic image that correspond to the first object, including identifying text blocks within the first object using optical character recognition;
 - (c) displaying simultaneously to a user fields of the electronic form in a form data area and the identified text blocks in an object data area that is outside of the form data area, which corresponds to the first object, through a graphical user interface, wherein the text blocks are selectable by the user within the object data area through the graphical user interface for insertion into respective fields of the electronic form in the form data area;
 - (d) parsing the information elements into tagged groups of different information types; **[and]**
 - (e) automatically populating the fields of the electronic form with the tagged groups to produce a populated form and allowing the user to edit the populated fields through the graphical user interface ; and

providing a visual status indicator adjacent each field of the form data area alerting the user that the field is unfilled and unverified, filled but unverified, and filled and verified, the status being based on the automatic populating and user editing.

↑

Attachment B